

Project Name:	Part Number:	Type:
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FZ LOW PROFILE STRIP

COMMERCIAL



407-478-3759
www.ilp-inc.com



FEATURES

- Durable steel construction
- Frosted acrylic lens available
- 4ft & 8ft options available
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- 3000K, 3500K, 4000K, and 5000K CCT
- 120-277V Universal Voltage
- 0-10V Dimmable Driver (100% - 10%)
- Single (4ft) or dual pendant (4ft & 8ft), surface mount and cable hanging options
- L90>54,000 hrs
- 5 Year Warranty
- ETL Listed for Dry and Damp Location
- DesignLights Consortium® Premium Qualified Luminaire



SUITABLE APPLICATIONS

- Schools
- Warehouses or Distribution Centers
- Grocery Stores
- Manufacturing Plants
- Retail Applications
- Stairwells (w/ USB Sensor) (4ft only)

EasySense Available on 4ft & 8ft

LED INFO		20W	32W	40W	55W		40W	64W	80W	110W
Calculated L ₇₀ (TM-21) Hours	4FT	>100K	>100K	>100K	>100K	8FT	>100K	>100K	>100K	>100K
Delivered Lumens		3,635 lm	5,241 lm	6,819 lm	8,626 lm		7,057 lm	10,521 lm	13,783 lm	17,128 lm
Total Input Watts		22 W	33 W	41 W	54 W		44 W	64W	82 W	108 W
Luminaire Efficacy Rating (LER)		163 lm/W	162 lm/W	168 lm/W	159 lm/W		161 lm/W	164 lm/W	169 lm/W	159 lm/W
Correlated Color Temperature (CCT)		4000K	4000K	4000K	4000K		4000K	4000K	4000K	4000K
Color Rendering Index (CRI)		>80	>80	>80	>80		>80	>80	>80	>80
Ambient Temperature Range		-4° F - 120° F	-4° F - 103° F	-4° F - 101° F	-4° F - 100° F		-4° F - 100° F	-4° F - 100° F	-4° F - 103° F	-4° F - 107° F

LED System data for Frosted Lens is located on the second page. LED System data above based on FZ4-20W-U-40, FZ4-32W-U-40, FZ4-40W-U-40, FZ4-55W-U-40, FZ8-40W-U-40, FZ8-64W-U-40, FZ8-80W-U-40, and FZ4-110W-U-40. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25° C ambient.

ORDERING GUIDE:

Series	Watts	Driver	Color	Options	
FZ4 Low Profile Strip 4ft	20W	U 120-277 V Driver	50	FRAL	Frosted Acrylic Lens
	32W		40	ES	EasySense Control
	40W		35	ES/WWS/DR	EasySense Dual Rocker Wireless Wall Switch
	55W		30	ES/PCD	Pre-Installed App on Control Device for Commissioning
FZ8 Low Profile Strip 8ft	40W 64W 80W 110W			SR	Sensor Ready Driver
				DR	DALI-Ready Driver
				VDO[‡]	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
				VRF[†]	Lutron Vive DFCSJ-OEM-RF (RF Only)
				BLD	Bi-level dimming driver (Controlled via 2 hot heads)
				USBD	User Bi-Level Dim Sensor w/ Occ. Sensor
				BDxx	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
				BDxxPC	Preset Bi-level Dim Sensor w/ Photocell
				DHPC	Daylight Harvesting (End Mounted)
				FIOS	On/Off Occupancy Sensor Installed
				WC*	11 GA Wire Cage
				RACEWAY/3WIRE[‡]	3 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture
				RACEWAY/5WIRE[‡]	5 Wire Raceway Wiring Harness for Continuous Wiring Through Fixture
				VC	V-Clips
				HUB 3/4	3/4" Conduit HUB (1 per 4ft section)
				FMB**	Fixture Mounting Box (Use with HUB for single point mounting)
	HB-XX-18Y-PAD	Y-Toggle Cable System (xx = in)			
	ALBR	Alignment Bracket (Used to align fixtures mounted in continuous rows)			
	QMBR	Quick Mount Bracket for Surface Mounting (Set of 2)			
	FI/ILBCP07	7W LED Factory Installed Battery Backup			
	FI/ILBCP10	10W LED Factory Installed Battery Backup			
	FI/ILBCP12	12W LED Factory Installed Battery Backup			
	SD480*	480V Step Down Transformer			

* Option not DLC Listed

**Available for 4ft only

† Used only when mounting fixtures in continuous rows

‡ Must be used with SR Driver

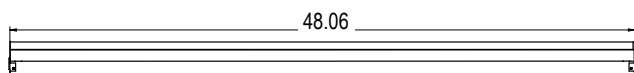
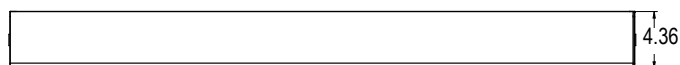
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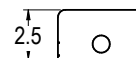
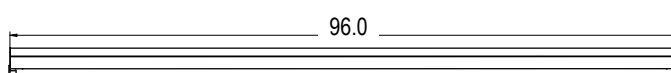
FROSTED LEN INFO		20W FRAL	32W FRAL	40W FRAL	55W FRAL	40W FRAL	64W FRAL	80W FRAL	110W FRAL
4FT	Calculated L ₇₀ (TM-21) Hours	>100K	>100K	>100K	>100K	>100K	>100K	>100K	>100K
	Delivered Lumens	3,138 lm	4,386 lm	5,858 lm	7,399 lm	6,125 lm	9,016 lm	11,944 lm	14,820 lm
	Total Input Watts	22 W	33 W	40 W	54 W	44 W	65 W	82 W	108 W
	Luminaire Efficacy Rating (LER)	141 lm/W	135 lm/W	146 lm/W	137 lm/W	140 lm/W	138 lm/W	147 lm/W	138 lm/W
	Correlated Color Temperature (CCT)	4000K	4000K	4000K	4000K	4000K	4000K	4000K	4000K
	Color Rendering Index (CRI)	>80	>80	>80	>80	>80	>80	>80	>80
	Ambient Temperature Range	-4°F - 120°F	-4°F - 103°F	-4°F - 101°F	-4°F - 100°F	-4°F - 100°F	-4°F - 100°F	-4°F - 103°F	-4°F - 107°F
	8FT								
LED System data above based on RZ4-20W-U-40-FRAL, RZ4-32W-U-40-FRAL, RZ4-40W-U-40-FRAL, RZ4-55W-U-40-FRAL, RZ8-40W-U-40-FRAL, RZ8-64W-U-40-FRAL, RZ4-80W-U-40-FRAL, & RZ4-110W-U-40-FRAL. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient.									

LINE DRAWING

FZ4:



FZ8:

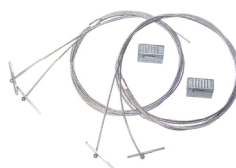


MOUNTING OPTIONS

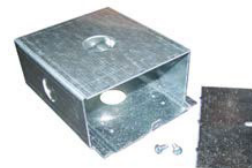
- **V-Clips** - For dual point chain or cable hanging
- **HB-XX-18Y-PAD** - Y-Paddle Cables System (XX = in)
- **FMB** - Fixture Mounting Box (Use with HUB for single point mounting)
- **HUB 3/4 CONDUIT** - 3/4 Conduit HUB (1 per 4ft section)
- **ALBR** - Alignment Bracket (Used to align fixtures mounted in continuous rows)
- **QMBR** - Quick Mount Bracket for Surface Mounting (Set of (2))



V-CLIPS



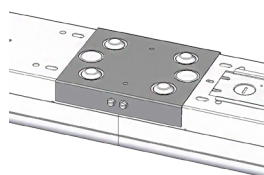
HB-XX-PAD



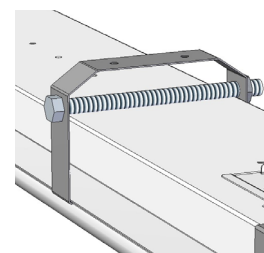
FMB



HUB 3/4 CONDUIT



ALBR



QMBR

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PHOTOMETRIC REPORTS

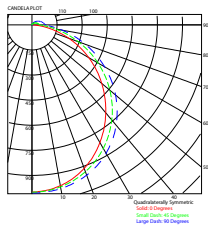
Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

FZ4-20WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.4%
EFFICIENCY (Uplight):	4.6%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	3096.3
INPUT WATTS:	22.2415

PLANE AND CONE DIAGRAM

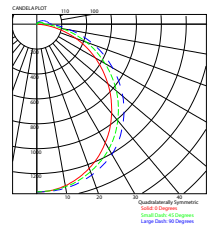


FZ4-32WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.8%
EFFICIENCY (Uplight):	4.2%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	4268.636
INPUT WATTS:	32.4712

PLANE AND CONE DIAGRAM

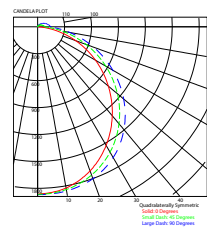


FZ4-40WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9%
EFFICIENCY (Uplight):	4.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	5879.027
INPUT WATTS:	40.62

PLANE AND CONE DIAGRAM

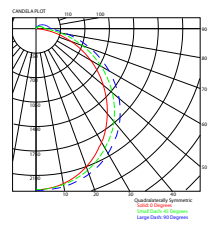


FZ4-55WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.9%
EFFICIENCY (Uplight):	5.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	7314.931
INPUT WATTS:	53.9995

PLANE AND CONE DIAGRAM

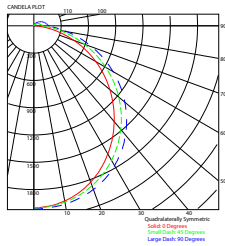


FZ8-40WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.3%
EFFICIENCY (Uplight):	4.7%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	6215.038
INPUT WATTS:	43.7

PLANE AND CONE DIAGRAM

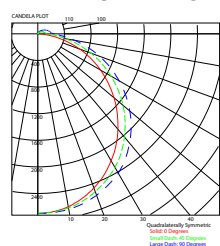


FZ8-64WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.6%
EFFICIENCY (Uplight):	4.4%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	8583.105
INPUT WATTS:	64.03

PLANE AND CONE DIAGRAM

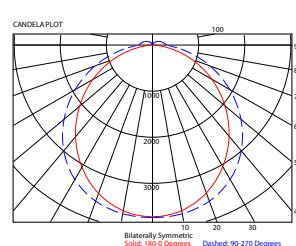


FZ8-80WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	95.9%
EFFICIENCY (Uplight):	4.1%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	11763.04
INPUT WATTS:	81.5

PLANE AND CONE DIAGRAM



FZ8-110WLED-U-40-FRAL

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Downlight):	94.7%
EFFICIENCY (Uplight):	5.3%
CIE CLASSIFICATION:	DIRECT
LUMENS/LAMP:	14694.39
INPUT WATTS:	107.8

PLANE AND CONE DIAGRAM

